

Converting Colors

YIQ(73.3590, 80.5970, 31.6450)

Have a look what the booklet for
YIQ(73.3590, 80.5970, 31.6450)
contains.

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Color

**YIQ(73.3590, 80.5970,
31.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	AA1F26
RGB	170, 31, 38
RGB Percent	67%, 12%, 15%
CMY	0.3330, 0.8786, 0.8507
CMYK	0.00, 0.82, 0.78, 0.33
HSL	357°, 69%, 39%
HSV	357°, 82%, 67%
XYZ	17.4357, 9.6730, 2.7886
YIQ	73.3590, 80.5970, 31.6450

Conversions

Conversions Part 2

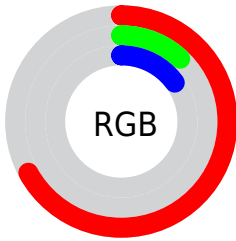
Format	Color
R _Y B	170, 31, 38
Decimal	11149094
CIE Lab	37.25, 54.58, 32.86
CIE LCh	37, 63.704, 31.048
Yxy	9.6730, 0.5832, 0.3235
Android (android.graphics.Color)	4289339174 (0xFFAA1F26)
YUV	73.3590, -17.4320, 84.7542
Hunter-Lab	31.1014, 45.6410, 16.4549

Details

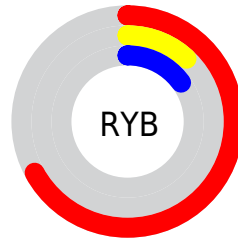
The YIQ color **73.3590, 80.5970, 31.6450** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **127.6410, -80.5970, -31.6450**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.6600, 86.8790, 27.9270**, and **32.8900, 65.5600, 23.3200** is the 20% darker color. If you saturate the color by 10%, you get **61.5560, 90.4080, 35.5600**, and if you desaturate by 10%, it is **85.1620, 70.7860, 27.7300**.

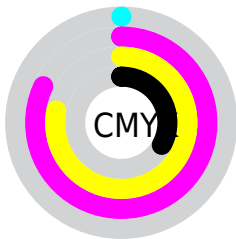
Distribution



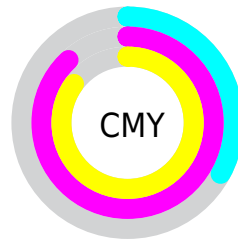
- Red (67%)
- Green (12%)
- Blue (15%)



- Red (67%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (82%)
- Yellow (78%)
- Black (33%)



- Cyan (33%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.3590, 80.5970, 31.6450 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 73.3590, 80.5970, 31.6450 by changing the saturation by 10% instead.

■ 73.3590, 80.5970,
31.6450

■ 73.3590, 80.5970,
31.6450

255.0000, -0.0000,
-0.0000

■ 43.7980, 77.9830,
34.9670

■ 131.6600, 86.8790,
27.9270

■ 32.8900, 65.5600,
23.3200

■ 157.8230, 84.8620,
25.9340

■ 23.6210, 47.0840,
16.7480

■ 177.1090, 69.1370,
19.0650

■ 15.7760, 30.3500,
11.6460

■ 196.5090, 53.0910,
12.5070

■ 0.0000, 0.0000,
0.0000

■ 216.1370, 36.4030,
6.5710

■ 236.2380, 19.7610,

-0.1990

253.6320, 3.8520,
-3.7320

73.3590, 80.5970,
31.6450

73.3590, 80.5970,
31.6450

61.5560, 90.4080,
35.5600

85.1620, 70.7860,
27.7300

51.8560, 98.4310,
38.8390

96.9650, 60.9750,
23.8150

108.7680, 51.1640,
19.9000

120.6850, 41.0320,
16.2960

132.4880, 31.2210,
12.3810

■ 144.2910, 21.4100,
8.4660

■ 156.0940, 11.5990,
4.5510

■ 167.8970, 1.7880,
0.6360

■ 179.7000, -8.0230,
-3.2790

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.0580, 75.4560, 64.2560



73.3590, 80.5970, 31.6450



80.9230, 68.8200, -2.7320

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3590, 80.5970, 31.6450



65.9840, -39.7430, -45.1750



77.0660, -87.4820, 10.5500

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73.3590, 80.5970, 31.6450



127.6410, -80.5970, -31.6450

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9270, -86.0130, 0.4430



73.3590, 80.5970, 31.6450



74.0150, -58.2230, -29.6390

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3590, 80.5970, 31.6450



73.9600, 4.3630, -40.5410



79.9430, -74.9150, -13.4670



87.5470, -28.0200, 34.2520

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3590, 80.5970, 31.6450



82.8400, 49.5200, -16.4000



79.9430, -74.9150, -13.4670



79.7730, -88.2150, 7.3130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73.3590, 80.5970, 31.6450



183.0860, 32.4130, 12.8050



85.7160, 32.8610, 70.7890



88.9810, 19.3470, 7.3070



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3590, 80.5970, 31.6450



70.5500, 126.0760, 49.9480



107.7810, 66.3440, -1.9120



78.3920, 4.7680, 1.6960



45.1640, 85.6400, 33.8640



6.0940, 11.5990, 4.5510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.3590, 80.5970, 31.6450



70.5500, 126.0760, 49.9480



93.2190, -66.3440, 1.9120



78.3920, 4.7680, 1.6960



45.1640, 85.6400, 33.8640



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 73.3590, 80.5970, 31.6450 looks on a white background.

Color Contrast Check

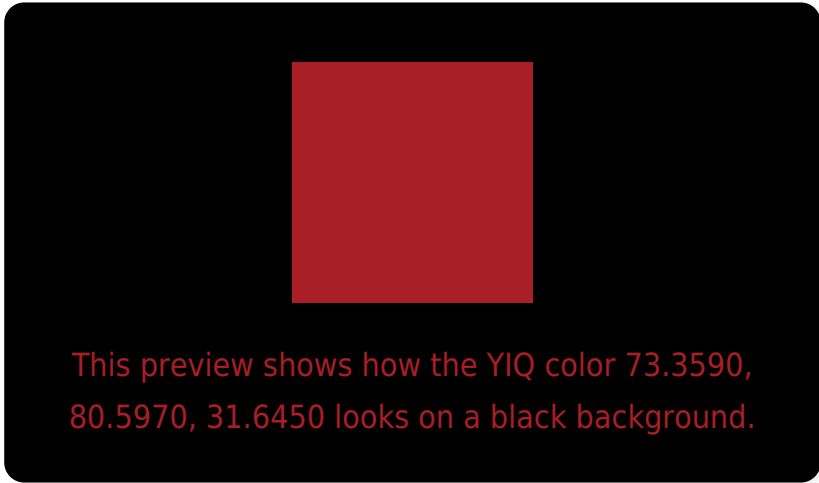
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 73.3590, 80.5970, 31.6450

Background



This preview shows how black text looks on a background with the YIQ color 73.3590, 80.5970, 31.6450.



This preview shows how white text looks on a background with the YIQ color 73.3590, 80.5970,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

73.3590, 80.5970, 31.6450

Protanopia

87.5160, 15.6820, -8.8780

Deuteranopia

86.5750, 34.3890, -12.0030



Tritanopia

73.2620, 82.2480, 29.2560

Trichromacy



Original Color

73.3590, 80.5970, 31.6450

Protanomaly

82.5780, 39.4750, 5.9630

Deuteranomaly

81.5700, 51.1210, 4.1530

Tritanomaly

73.4900, 81.6060, 29.8780

Monochromacy



Original Color

73.3590, 80.5970, 31.6450

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.1780, 29.1580, 11.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3590, 80.5970, 31.6450 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(170, 31, 38)` looks like.

```
.text, #text, p{  
    color:rgb(170, 31, 38)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(170, 31, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 31, 38) }
```

Border

The CSS property to change the border of an element to YIQ 73.3590, 80.5970, 31.6450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 31, 38) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(170, 31, 38) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(170, 31, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 31, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 31, 38);  
box-shadow:4px 4px 4px 4px rgb(170, 31,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 73.3590, 80.5970, 31.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 31, 38) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(170, 31,  
38) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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